

AMENDMENTS TO THE SPECIFICATION

Please replace the first full paragraph on page 3 with the following amended paragraph:

Further, a signal detection system is known conventionally, the signal detection system which can distinguish whether a received echo is one from a true target or one reflected on a sea surface or a sea bottom. The signal detection system includes a plurality of directive passive ~~sonobuoies~~sonobuoys each receiving an echo of a sound wave which a sound source sonobuoy radiates underwater, calculates an existence zone of the target, which is a sound source of echoes which they receive (including a sea surface and a sea bottom), on a two-dimensional coordinate plane for every directive passive sonobuoy from the positional relation and propagation time between the sound source sonobuoy and each of directive passive ~~sonobuoies~~sonobuoys, cumulates an echo level for every target existence zone, and compares the echo cumulation level with a threshold level (for example, refer to Japanese Patent Laid-Open No. 7-294640).

Please replace the first full paragraph on page 4 with the following amended paragraph:

Furthermore, since the conventional system mentioned in Japanese Patent Laid-Open No. 7-294640 calculates an existence azimuth of a target by using directional characteristics of three directive passive ~~sonobuoies~~sonobuoys, three passive ~~sonobuoies~~sonobuoys are required. Since each passive sonobuoy has a compass and detects a magnetic north direction, it is not possible to perform highly accurate azimuth detection due to the above-described error factors such as the accuracy of a compass, and an earth magnetism deviation.